Application No. 10/580,335 Docket No.: 4633-0170PUS1 Amendment dated January 29, 2010

After Final Office Action of August 6, 2009

AMENDMENTS TO THE CLAIMS

1. (Currently Amended) A refrigeration system for vapor compression refrigeration cycle

comprising:

a heat source circuit provided with a high temperature compressor;

a utilization circuit connected to the heat source circuit and provided with an evaporator

and a low temperature compressor

an operation control unit that switches the high temperature compressor between an

actuated state and a suspended state based on a refrigerant suction pressure; and

an actuation control unit that actuates the low temperature compressor to increase the

refrigerant suction pressure of the high temperature compressor when the high temperature

compressor is suspended and given conditions, including a condition concerning a request for

cooling in the evaporator, are met and then actuating the high temperature compressor.

2-4. (Canceled)

2 DRA/PLC/lab